

Technical Service Bulletin

NUMBER: 18-027-01

GROUP: Vehicle
Performance

DATE: Nov. 23, 2001

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THIS BULLETIN IS BEING PROVIDED IN ADVANCE. DO NOT PERFORM ANY ACTIONS RELATED TO THIS BULLETIN UNTIL DECEMBER 10, 2001. THE MDS2 MUST BE OPERATING WITH CIS CD2097 OR HIGHER.

SUBJECT:

Highway Speed Surge

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OVERVIEW:

This bulletin involves reprogramming the Powertrain Control Module (PCM) with new software.

MODELS:

2001 - 2002 (JR)	Sebring Sedan/Stratus Sedan/Sebring Convertible
2001 - 2002 (PT)	PT Cruiser
2001 - 2002 (RS)	Caravan/Voyager
2001 - 2002 (RG)	Chrysler Voyager (International Markets)

NOTE: THIS BULLETIN APPLIES TO VEHICLES WITH A 2.4L ENGINE.

SYMPTOM/CONDITION:

Moderate to severe highway speed 72-97 kph (45-60 mph) vehicle surge.
More prevalent on smooth flat roads or roads with a slight grade in warmer ambient temperatures above 24° C. (75° F.).

NOTE: THIS PCM SOFTWARE UPDATE WILL PROVIDE A SURGE IMPROVEMENT FOR THOSE VEHICLES EXHIBITING A MODERATE TO SEVERE SURGE. THE IMPROVEMENT MAY BE NEGLIGIBLE FOR THOSE VEHICLES EXHIBITING A LIGHT SURGE.

DIAGNOSIS:

If Diagnostic Trouble Codes (DTC's) are present, record them on the repair order and repair as necessary before proceeding further with this bulletin. If the condition(s) can be duplicated or are described by the customer, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	04669020	Label, Authorized Software Update
1	04275086	Label, Authorized Modification

EQUIPMENT REQUIRED:

CH6000	Scan Tool (DRB III®)
CH7035	General Purpose Interface Cable (GPIB)
CH7000/7001	J1962 Cable
	MDS2

REPAIR PROCEDURE:

- Flash the PCM using the MDS2 (Mopar Diagnostic System) and DRB III® (Scan Tool).

NOTE: THE FOLLOWING STEPS ARE REQUIRED BY LAW.

- Type the necessary information on the “authorized Software Update Label” p/n 04669020 (Fig. 1). Attach the label to the PCM and cover the label with the clear plastic overlay. Type the necessary information on the “Authorized Modification Label” p/n 04275086 (Fig. 2) and attach the label near the VECI label.

CHEVROLET **AUTHORIZED MODIFICATIONS** THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE, BY EPA AND CARS.

THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:

1

CHANGE AUTHORITY DEALER CODE DATE

2 3 4


4275086

80bb0af8

Fig. 1 AUTHORIZED MODIFICATION LABEL

- 1 - POWERTRAIN CONTROL MODULE P/N (INSERT P/N) USED
- 2 - CHANGE AUTHORITY: TSB XX-XX-XX
- 3 - DEALER CODE: XXXXX
- 4 - DATE: XX-XX-XX

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CHRYSLER
CORPORATION

P/N:
DLR CODE:
DATE:

AUTHORIZED SOFTWARE UPDATE

80bb0a94

Fig. 2 AUTHORIZED SOFTWARE UPDATE LABEL

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
08-19-41-90	Reprogram PCM	0.5 Hrs.

FAILURE CODE:

FM	Flash Module
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